

Monthly: Nov-Mar

Crop Weather Report



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Released: July 7, 2008 For the Week Ending:

July 6, 2008

Weather Summary

Montana received light to moderate precipitation for the week ending July 6th. Kalispell received 0.48 of an inch on July 3rd, breaking the daily rainfall record of 0.44 of an inch set in 1990. Rogers Pass received 1.83 inches of moisture, the most during the week. Temperatures were above normal. Highs were mostly in the 90s, and lows were mostly in the 40s and 50s. Huntley had the high temperature at 103 degrees, and Ryegate had the low temperature at 34 degrees. Topsoil moisture adequate and surplus, at 52 percent, is below last week's 65 percent, last year's 55 percent, and the five-year average of 54 percent. Subsoil moisture adequate and surplus is 51 percent, below last week's 59 percent and last year's 63 percent, but above the five-year average of 49 percent. The number of days suitable for field work was 6.3 days.

The weather outlook for July 14th through July 20th is for near normal temperatures and near normal precipitation both east and west of the continental divide. Normal temperatures for this period in Montana are highs in the mid 70s to the upper 80s and lows in the lower 40s to the upper 50s.

Soil Moisture & Field Work Table	This Week	Last Week	Last Year	5 Yr Avg					
Topsoil Moisture									
Very Short	8	6	9	13					
Short	40	29	36	33					
Adequate	51	61	50	51					
Surplus	1	4	5	3					
Subsoil Moisture									
Very Short	13	9	8	17					
Short	36	32	29	34					
Adequate	50	57	59	47					
Surplus	1	2	4	2					
Days Suitable for Fieldwork									
Days	6.3	6.5	6.5	6.2					

Crop Progress Table This Week Last Week Last Year 5 Yr Avg Boot Stage 86 70 95 87 Durum Wheat 79 43 73 67 Oats 88 62 93 86 Spring Wheat 91 66 92 85 Winter Wheat 99 93 100 100 Headed 8arley 47 20 71 56 Durum Wheat 36 10 43 34 Oats 49 19 65 53					
Boot Stage 86 70 95 87 Durum Wheat 79 43 73 67 Oats 88 62 93 86 Spring Wheat 91 66 92 85 Winter Wheat 99 93 100 100 Headed Barley 47 20 71 56 Durum Wheat 36 10 43 34 Oats 49 19 65 53	Crop Progress Table				•
Barley 86 70 95 87 Durum Wheat 79 43 73 67 Oats 88 62 93 86 Spring Wheat 91 66 92 85 Winter Wheat 99 93 100 100 Headed Barley 47 20 71 56 Durum Wheat 36 10 43 34 Oats 49 19 65 53		Week	Week	Year	Avg
Durum Wheat 79 43 73 67 Oats 88 62 93 86 Spring Wheat 91 66 92 85 Winter Wheat 99 93 100 100 Headed Barley 47 20 71 56 Durum Wheat 36 10 43 34 Oats 49 19 65 53	Boot Stage				
Oats 88 62 93 86 Spring Wheat 91 66 92 85 Winter Wheat 99 93 100 100 Headed Barley 47 20 71 56 Durum Wheat 36 10 43 34 Oats 49 19 65 53	Barley	86	70	95	87
Spring Wheat 91 66 92 85 Winter Wheat 99 93 100 100 Headed 47 20 71 56 Durum Wheat 36 10 43 34 Oats 49 19 65 53	Durum Wheat	79	43	73	67
Winter Wheat 99 93 100 100 Headed 47 20 71 56 Durum Wheat 36 10 43 34 Oats 49 19 65 53	Oats	88	62	93	86
Headed Barley 47 20 71 56 Durum Wheat 36 10 43 34 Oats 49 19 65 53	Spring Wheat	91	66	92	85
Barley 47 20 71 56 Durum Wheat 36 10 43 34 Oats 49 19 65 53	Winter Wheat	99	93	100	100
Durum Wheat 36 10 43 34 Oats 49 19 65 53	Headed				
Oats 49 19 65 53	Barley	47	20	71	56
	Durum Wheat	36	10	43	34
	Oats	49	19	65	53
Spring Wheat 36 20 53 51	Spring Wheat	36	20	53	51
Winter Wheat 94 78 100 98	Winter Wheat	94	78	100	98
Turning	Turning				
Winter Wheat 9 1 60 53	Winter Wheat	9	1	60	53
Blooming	Blooming				
Dry Peas 87 73 88 n/a	Dry Peas	87	73	88	n/a
Lentils 66 35 81 n/a	Lentils	66	35	81	n/a
Hay First Cutting	Hay First Cutting				
Alfalfa 54 29 73 64	Alfalfa	54	29	73	64
All Other Hay 45 24 70 53	All Other Hay	45	24	70	53

Field Crops Report

The small grain crops are showing signs of stress from the heat and dry weather in the northeastern part of the state. Hail storms in the south central and southeast district have affected crops with severe damage seen in some areas. Overall, the small grains are progressing slower than last year. Only 9 percent of winter wheat has turned compared to 60 percent last year.

Crop Condition Table	This	Last	Last	5 Yr
Barley	Week	Week	Year	Avg
Very Poor	1	1	6	3
Poor	4	5	13	7
Fair	34	31	19	24
Good	49	54	50	50
Excellent	12	9	12	16
Durum Wheat		J	12	.0
Very Poor	2	2	2	3
Poor	23	15	3	13
Fair	32	30	25	26
Good	39	49	52	50
Excellent	4	4	18	8
Oats				
Very Poor	3	2	1	3
Poor	4	4	3	7
Fair	44	42	19	22
Good	43	46	65	56
Excellent	6	6	12	12
Spring Wheat				
Very Poor	3	2	4	3
Poor	7	5	9	7
Fair	28	23	20	25
Good	56	64	57	56
Excellent	6	6	10	9
Winter Wheat				
Very Poor	1	2	2	3
Poor	8	10	9	9
Fair	50	41	26	27
Good	34	36	46	44
Excellent	7	11	17	17

Barley Boot Stage, Montana by District for week ending July 6, 2008

Range & Livestock Table	This Week	Last Week	Last Year	5 Yr Avg							
Range and Pasture Feed Condition											
Very Poor	4	3	4	7							
Poor	11	9	7	14							
Fair	31	32	25	30							
Good	38	35	46	40							
Excellent	16	21	18	9							

Weather Information for the Week ending 07/06/2008

Out in ID							A. :			itation		, ,	D :
Station ID	Te Hi	mperatur LOW	e AVG	GD B50	Ds DFN	This \	Neek DFN	Ar Total	oril 1 to Da	ate %NRM	Octo Total	ober 1 to DFN	Date %NRM
NORTHWEST	98	51	71	150	+45	0.01	-0.28	5.28	+0.25	105	14.56	+3.77	135
Alberton Anaconda	98	51 47	68	124	+45 +41	0.01	-0.28 -0.21	5.28	+0.25 +0.05	105	14.56	+3.77	122
Clinton	95	46	69	137	+65	0.66	+0.39	6.38	+1.53	132	14.93	+2.56	121
Corvallis	91	49	71	146	+43	0.02	-0.22	2.53	-2.02	56	6.86	-1.96	78
Creston	92 91	52 44	68 66	130 115	+43 +43	1.37 0.53	+0.86 +0.18	7.58 4.37	+0.01 -0.17	100 96	11.40 6.77	-4.42 -0.21	72 97
Deer Lodge Drummond	95	44 42	67	121	+32	0.33	+0.18	5.00	-0.17 +0.14	103	9.74	+0.21	104
Hamilton	91	52	72	156	+55	0.00	-0.28	2.62	-2.05	56	5.97	-1.61	79
Kalispell	94	51	71	146	+64	1.53	+1.14	5.74	-0.18	97	10.82	-2.92	79
Missoula	97	54 45	74 66	172 110	+67	0.27	-0.02	4.51	-0.52 -2.17	90	9.24 17.37	-1.55	86 93
Olney Polson	92 92	45 53	69	138	+38 +29	0.96 0.22	+0.46 -0.13	4.65 6.06	-2.17 -0.05	68 99	10.37	-1.29 -2.20	93 82
St Ignatius	94	55	70	143	+36	0.26	-0.12	6.78	+0.13	102	10.83	-2.06	84
Seeley Lake	96	48	70	141	+65	0.24	-0.10	3.99	-1.53	72	14.66	-2.42	86
Sula	89	41	64 73	102	+37	0.32	-0.06	6.04	-0.25	96	11.80	-0.60	95
Superior Swan Lake	99 93	53 45	73 67	160 122	+47 +52	1.57 0.52	+1.29 +0.07	7.28 7.08	+2.24 -0.32	144 96	16.41 23.69	+3.02 -0.28	123 99
Thompson Falls	97	54	74	169	+48	0.63	+0.28	5.17	-1.08	83	21.33	+1.55	108
West Glacier	94	47	68	130	+48	0.55	-0.03	7.74	-0.45	95	25.92	+2.11	109
NORTH CENTRAL	0.4			4.40		0.00	0.40	0.00	4	404	0.05	0.70	440
Chester Chinook	94 98	52 55	71 73	149 160	+44 +38	0.28 0.60	-0.13 +0.17	6.62 8.49	+1.55 +2.51	131 142	8.25 10.72	+0.78 +1.66	110 118
Choteau	92	49	67	121	+17	0.85	+0.17	8.03	+2.82	154	10.72	+3.40	149
Cut Bank	93	47	68	124	+43	0.11	-0.30	7.86	+1.87	131	8.79	+0.34	104
Ft Assinniboine	97	53	72	154	+32	0.72	+0.26	7.67	+1.77	130	9.35	+0.20	102
Fort Benton Goldbutte	97 90	53 50	72 68	153 126	+26 +37	0.53 0.17	+0.16 -0.25	8.51 7.74	+2.21 +1.45	135 123	11.02 10.02	+1.04 +0.58	110 106
Harlem	96	50 51	73	165	+37 +45	0.17	-0.25 -0.27	7.74 6.06	+1.45 +0.69	123	7.52	+0.58 -0.32	96
Havre	97	52	72	158	+41	0.58	+0.20	5.97	+1.00	120	7.45	-0.65	92
Malta	96	54	75	175	+52	0.00	-0.49	6.40	+0.22	104	10.07	+0.92	110
Rudyard	93 95	54 48	70 70	144 139	+37 ±40	0.55 0.22	+0.22	8.79 6.75	+3.78	175 117	9.48 8.04	+2.63 -0.68	138 92
Shelby Turner	95	48 51	70 71	139	+49 +46	0.22	-0.12 -0.23	6.75 7.24	+0.99 +1.81	117	8.04 8.46	-0.68 +0.77	92 110
Valier	93	51	69	136	+34	0.30	-0.08	7.49	+1.34	122	9.51	+1.03	112
NORTHEAST													
Bredette	94	50	72	155	+31	0.02	-0.61	4.65	-1.47	76	7.44	-1.11	87
Culbertson Glasgow	96 97	51 54	75 73	173 164	+39 +34	0.00 0.07	-0.63 -0.40	3.68 6.78	-2.75 +1.66	57 132	5.90 9.09	-3.23 +1.40	65 118
Glendive	96	54 54	76	181	+32	0.07	-0.45	5.48	-0.73	88	7.29	-2.15	77
Jordan	99	50	72	154	+16	0.13	-0.33	6.54	+0.66	111	9.90	+0.69	107
Nashua	97	54	74	172	+26	0.00	-0.56	6.51	+1.06	119	8.58	+0.83	111
Opheim Plentywood	93 93	46 49	71 71	150 150	+52 +25	0.08 0.00	-0.55 -0.60	5.73 3.93	-0.37 -2.08	94 65	7.97 6.08	-0.27 -2.71	97 69
St Marie	93	49 55	73	162	+32	0.00	-0.60 -0.47	5.26	-2.06 +0.14	103	7.27	-2.71 -0.42	95
Scobey	93	50	72	154	+47	0.00	-0.59	7.85	+1.71	128	10.78	+2.36	128
Sidney	97	52	75	175	+36	0.00	-0.58	3.94	-2.51	61	5.72	-4.22	58
Wolf Point CENTRAL	98	50	73	161	+17	0.00	-0.52	5.29	-0.24	96	6.78	-1.41	83
Cascade	91	44	67	118	+45	0.80	+0.37	9.85	+3.07	145	14.45	+4.13	140
Grass Range	97	50	70	142	+39	0.05	-0.48	10.99	+3.17	141	14.95	+2.83	123
Great Falls	96	50	71	149	+47	0.97	+0.60	8.48	+1.98	130	11.31	+0.38	103
Harlowton Helena	94 99	38 54	67 74	121 170	+21 +57	1.25 0.33	+0.77 -0.02	10.62 5.08	+3.94 +0.24	159 105	14.77 7.62	+4.71 -0.37	147 95
Lewistown	95	46	68	126	+37	0.33	-0.02	9.73	+1.99	126	12.45	-0.57 -0.58	96
Martinsdale	92	43	68	130	+56	0.05	-0.42	6.59	+0.50	108	10.08	+0.65	107
Neihart _	92	43	66	116	+40	0.54	-0.05	11.30	+2.11	123	18.47	+2.86	118
Rogers Pass	93 102	48 51	67	121 167	+33	1.83 0.36	+1.39	10.19	+2.34 +2.07	130 134	13.74	+0.67	105
Roundup Ryegate	93	51 34	74 66	112	+34 +12	1.21	-0.06 +0.73	8.24 8.59	+2.07 +2.79	134	10.89 11.63	+1.43 +2.63	115 129
Stanford	95	51	70	140	+40	0.30	-0.26	8.78	+1.02	113	12.38	+0.14	101
Townsend	91	51	70	141	+34	0.27	-0.09	4.48	-0.33	.93	6.67	-0.63	.91
Valentine	97	50	70	143	+29	0.55 0.70	+0.13	9.75	+3.57	158	12.44	+2.84	130
Wht Sulphur Spr SOUTHWEST	92	44	68	128	+46	0.70	+0.28	6.32	+0.25	104	9.99	+0.30	103
Boulder	91	45	67	122	+34	0.89	+0.54	5.09	+0.07	101	7.76	-0.10	99
Bozeman	94	48	70	143	+38	0.03	-0.39	10.29	+1.80	121	18.86	+3.87	126
Butte	91	45 48	67	124 143	+48	0.44	+0.05	5.17	-0.30	95 64	7.35	-1.90	79
Dillon Ennis	96 94	48 43	70 69	131	+50 +40	0.00 0.06	-0.31 -0.32	3.08 5.92	-1.74 -0.20	64 97	6.01 11.04	-1.05 +1.00	85 110
Lakeview	90	48	68	126	+72	0.15	-0.35	5.45	-1.84	75	12.98	-1.70	88
W Yellowstone	90	46	66	111	+54	0.27	-0.22	6.60	+0.25	104	18.30	+0.74	104
Wisdom	93	37	66	115	+66	0.11	-0.22	4.44	-0.33	93	10.14	+1.30	115
SOUTH CENTRAL Billings	102	54	75	174	+31	0.06	-0.29	5.42	-0.99	85	9.38	-2.27	81
Cooke City	92	47	68	126	+92	0.24	-0.23	5.83	-1.99	75	11.15	-2.27 -8.69	56
Gardiner	94	50	72	157	+40	0.08	-0.20	1.88	-2.04	48	5.70	-1.41	80
Hardin	99	50	76 72	186	+36	0.05	-0.27	6.50	+1.20	123	9.42	+0.10	101
Huntley Hysham	103 96	48 51	72 73	155 166	+30 +27	0.25 0.12	-0.12 -0.26	6.54 7.57	+0.35 +1.46	106 124	10.48 10.64	-0.12 +0.59	99 106
Joliet	98	46	69	136	+15	0.12	+0.10	6.88	+0.01	100	11.02	-1.43	89
Livingston	100	45	71	148	+40	0.03	-0.39	6.86	-0.39	95	10.54	-1.22	90
Nye	96	39	68	127	+36	0.74	+0.22	10.89	+2.32	127	16.09	+2.20	116
Rapelje SOUTHEAST	95	48	70	142	+26	1.10	+0.68	8.10	+1.43	121	11.66	+0.27	102
Albion	89	49	68	126	+3	0.15	-0.37	14.86	+7.44	200	17.71	+7.22	169
Baker	93	45	70	141	+6	0.00	-0.47	7.44	+0.91	114	8.70	-1.88	82
Broadus	94	52	75	178	+35	0.00	-0.42	10.92	+4.51	170	12.89	+2.34	122
Ekalaka Milos City	86	53	70 76	146	+13 +26	0.00	-0.56	11.69	+3.47	142	14.38	+1.26	110
Miles City Plevna	97 93	58 46	76 72	183 155	+26 +20	0.00 0.00	-0.45 -0.47	6.23 7.42	-0.20 +0.89	97 114	6.85 9.02	-3.13 -1.56	69 85
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